

- **Name of the Candidate: Prof. Dharmaraja Selvamuthu**
- **Membership Number: 0607/D/03/MSL**



About the Candidate

ORSI, India Involvement

1. 2023 – 24, Vice President, Central Council, ORSI.
2. 2020 – 22, Member of Central Council, ORSI.
3. 2004 – Present, Life Member, ORSI.

Administration

1. July 1, 2014 – Aug. 31, 2017, **Head**, Department of Mathematics, IIT Delhi.
2. Sep. 1, 2020 – Aug. 31, 2022, **Head**, Department of Mathematics, IIT Delhi.
3. Sept. 1, 2018 – Aug. 31, 2020, **Head**, Office of Career Services, IIT Delhi.

Editorial Board-Associate Editor:

1. 2021-Present, Financial Innovation, Springer.
2. 2017- Present, OPSEARCH, Springer.
3. 2007-Present, IJCS, Wiley.

Book Publications (4 Text Books +1 Monograph):

1. Joint Publication
 - 1) Probability and Stochastic Processes, Wiley I Ed.-2012, Asian Ed. -2016).
 - 2) Financial Mathematics (Narosa I Ed.- 2013).
 - 3) Probability, Statistical Methods, Design of Experiments and Statistical Quality Control (Springer I Ed.- 2018, 2 Ed.- 2024).
 - 4) Reliability Assessment of Tethered HAP Systems (Springer 2024).
2. Sole Publication
 - 1) Stochastic Processes (Springer 2024).

Research:

1. **Key Research Areas:** Applied probability, Stochastic Modeling, Performance Analysis of Communication Systems and Financial Mathematics.
2. **Student Supervision: Post-Doctoral** (4 completed + 2 ongoing) and **PhD** (11 completed + 6 ongoing)
3. **Publications:** Representative Journal Publications **95 (Q1 (21 papers) and Q2 (47 papers))**; Book Chapters **07**; Conf. Proceedings **43**
4. **Sponsored Research Projects (PI):**
Completed 11 (Airtel, 2-MoE, 2-MHRD, 2-DST, NBHM, DoT, MoD, DRDO); Ongoing 2 (DST, DRDO)

Visiting Positions at Various Countries:

USA-New York University, Duke University, Emory University; **Canada**-University of Calgary,
Australia- University of New South Wales
Colombia- University of los Andes, National University of Colombia
Italy- University of Verona, Sungkyunkwan University, Universita degli Studi di Salerno.

For more details, please visit: <https://web.iitd.ac.in/~dharmar/>